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ABSTRACT

This document contains a collection of low cost labs and activities. The activities are organized into the following units: Chemistry; Microbiology; DNA to Chromosomes; Genetics; Evolution; Classification, Protist, and Fungus; Plant; Invertebrate; Human Biology; and Ecology and Miscellaneous. Some of the activities within these units include: (1) Molecule Making; (2) pH with Milk; (3) Enzyme Catalysis; (4) Peanut Calorimetry; (5) Diffusion and Osmosis; (6) Virus Pamphlet; Surface Area Demonstration; (7) Fermentation; (8) Yogurt; (9) Cell Membrane; (10) Cell Growth in Plants; (11) Cell Model; (12) DNA Model; (13) Recombinant DNA; (14) Chromatin Isolation; (15) Create A Baby; (16) Cooperative Learning and Genetic Problems; (17) Karyotyping; (18) Microfossils and Rock and Roll; (19) Radioactive Dating; (20) Classification Activity; (21) Protist Mobiles; (22) Bread Mold; (23) There's a Fungus among Us; (24) Self-Watering Planters; (25) Plant Scavenger Hunt; (26) Behavior of Earthworms; (27) Pulse and Respiration; (28) Lung Model; (29) Carbon Dioxide and Exercise; and (30) Nerve Distance. (ZWH)

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